

Please add the following claims:

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2 --2. A system, comprising:

3 a tuner adapted to receive a signal;

4 a video display physically separate from the tuner;

5 a first time modulated ultra-wideband (TM-UWB) transceiver, coupled to the tuner, to
6 wirelessly transmit the signal received by the tuner to a second TM-UWB transceiver;

7 wherein the second TM-UWB transceiver is coupled to the video display and receives
8 the signal transmitted by first TM-UWB transceiver to thereby drive the video display using the
received signal.

1 3. The system of claim 2, wherein the first TM-UWB transceiver is adapted to transmit the
2 signal as a time modulated ultra-wideband impulse signal.

1 4. The system of claim 3, wherein the tuner and the video display are separated from one
2 another by at least one wall.

1 5. The system of claim 1, wherein the signal comprises a digital video signal.

1 6. The system of claim 1, wherein the signal comprises an analog video signal

1 7. The system of claim 1, wherein the signal comprises an audio/video signal.

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8. The system of claim 6, further comprising a speaker, coupled to the second TM-UWB transceiver, that is driven by the signal received by the second TM-UWB transceiver.

1 9. In a system including a tuner coupled to a first time modulated ultra-wideband (TM-
2 UWB) transceiver and a video display physically separate from the tuner, the video display.
3 coupled to a second TM-UWB transceiver, a method comprising the steps of:

4 receiving a signal at the tuner;

5 transmitting the signal from the first TM-UWB transceiver to the second TM-UWB
6 transceiver as a TM-UWB impulse signal;

7 receiving the signal at the second TM-UWB transceiver; and

8 driving the display with the signal received at the second TM-UWB transceiver.

1 10. The method of claim 9, further comprising the steps of:

2 compressing the signal received at the tuner prior to transmitting the signal from the first
3 TM-UWB transceiver to the second TM-UWB transceiver; and

4 decompressing the signal received at the second TM-UWB transceiver prior to driving
5 the display.

1 11. The method of claim 9, wherein the signal comprises a digital video signal.

1 12. The method of claim 9, wherein the signal comprises an analog video signal

1 13. The method of claim 9, wherein the signal comprises an audio/video signal.

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14. The method of claim 13, further comprising the step of:
driving a speaker coupled to the second TM-UWB transceiver.

15. The method of claim 9, further comprising the step of establishing a full duplex wireless communication link between the first TM-UWB transceiver and the second TM-UWB transceiver prior to transmitting the signal from the first TM-UWB transceiver to the second TM-UWB transceiver.

16. The method of claim 15, wherein the wireless communication link supports a higher transmission rate from the first TM-UWB transceiver to the second TM-UWB transceiver than the wireless communication link supports from second TM-UWB transceiver to the first TM-UWB transceiver.

17. The method of claim 16, further comprising the steps of:
receiving an information source identifier from a user;
transmitting the information source identifier from the second TM-UWB transceiver to the first TM-UWB transceiver via the wireless communication link;
receiving the signal at the tuner from a source identified by the information source identifier; and
transmitting the signal from the first TM-UWB transceiver to the second TM-UWB transceiver via the wireless communication link.